		Aeronautics Educ	ator Guide
		2005 Mathem	
Now York Mothernotic		Core Currice	ulum
New York Mathematic Grade 2	CS 		
Activity/Lesson	State	Standards	
Activity/Lesson	State	Standards	Formulate questions about themselves and their
Air Engines (12-16)	NY	MA.2.2.S.1	surroundings
All Eligines (12-10)	INI	IVIA.2.2.0.1	Formulate questions about themselves and their
Rotor Motor (69-75)	NY	MA.2.2.S.1	surroundings
TOTOLIVIOLOI (08-10)	141	1017 (.2.2.0.1	Display data in pictographs and bar graphs
			using concrete objects or a representation of the
Rotor Motor (69-75)	NY	MA.2.2.S.3	object
Where is North? The			
Compass Can Tell Us			Formulate questions about themselves and their
(87-90)	NY	MA.2.2.S.1	surroundings
Dunked Napkin (17-			Formulate questions about themselves and their
22)	NY	MA.2.2.S.1	surroundings
Dunked Napkin (17-			Collect and record data (using tallies) related to
22)	NY	MA.2.2.S.2	the question
Dunked Napkin (17-			Discuss conclusions and make predictions from
22)	NY	MA.2.2.S.5	graphs
Paper Bag Mask (23-			Explore and predict the outcome of slides, flips,
28)	NY	MA.2.2.G.5	and turns of two-dimensional shapes
Paper Bag Mask (23-			Formulate questions about themselves and their
28)	NY	MA.2.2.S.1	surroundings
Paper Bag Mask (23-			Discuss conclusions and make predictions from
28)	NY	MA.2.2.S.5	graphs
Wind in Your Socks)			Use a ruler to measure standard units (including
(29-35)	NY	MA.2.2.M.2	whole inches and whole feet)
Wind in Your Socks)			Compare and order objects according to the
(29-35)	NY	MA.2.2.M.3	attribute of length
Wind in Your Socks)			Formulate questions about themselves and their
(29-35)	NY	MA.2.2.S.1	surroundings
D D - II (40, 40)	NIX	NAA 0 0 0 4	Formulate questions about themselves and their
Bag Balloons (40-43)	NY	MA.2.2.S.1	surroundings
Clad Kita (44 E4)	NIX	MA 2 2 C 4	Formulate questions about themselves and their
Sled Kite (44-51)	NY	MA.2.2.S.1	surroundings
		Aeronautics Educ	ator Guide
		2005 Mathem	
		Core Currice	
New York Mathematic	es es		W1-44-1-1
Grade 3			
Activity/Lesson	State	Standards	
,,. <u></u>	23334		Formulate questions about themselves and their
Air Engines (12-16)	NY	MA.3.3.S.1	surroundings
7 iii			Formulate questions about themselves and their
Rotor Motor (69-75)	NY	MA.3.3.S.1	surroundings
Rotor Motor (69-75)	NY	MA.3.3.S.5	Display data in pictographs and bar graphs
Where is North? The			
Compass Can Tell Us			Formulate questions about themselves and their
(87-90)	NY	MA.3.3.S.1	surroundings

Dunked Napkin (17-			Formulate questions about themselves and their
22)	NY	MA.3.3.S.1	surroundings
Paper Bag Mask (23-			Select tools and units (customary) appropriate
28)	NY	MA.3.3.M.1	for the length measured
Paper Bag Mask (23-			Formulate questions about themselves and their
28)	NY	MA.3.3.S.1	surroundings
Wind in Your Socks)			Select tools and units (customary) appropriate
(29-35)	NY	MA.3.3.M.1	for the length measured
Wind in Your Socks)	NIX	MA 0 0 0 4	Formulate questions about themselves and their
(29-35) Wind in Your Socks)	NY	MA.3.3.S.1	surroundings
(29-35)	NY	MA.3.3.S.2	Collect data using observation and surveys, and record appropriately
(29-35)	IN I	IVIA.3.3.3.2	Formulate questions about themselves and their
Bag Balloons (40-43)	NY	MA.3.3.S.1	surroundings
Bag Balloons (40 40)		1417 (.0.0.0.1	Formulate questions about themselves and their
Sled Kite (44-51)	NY	MA.3.3.S.1	surroundings
(- Control of the cont
	Ae	ronautics Educat	or Guide
		2005 Mathema	tics
		Core Curriculi	ım
New York Mathematic	s		
Grade 4			
Activity/Lesson	State	Standards	
Rotor Motor (69-75)	NY	MA.4.4.S.3	Represent data using tables, bar graphs, and pictographs
Flight: Interdisciplinary Learning Activities (76- 79)	NY	MA.4.4.M.9	Calculate elapsed time in hours and half hours, not crossing A.M./P.M.
Flight: Interdisciplinary Learning Activities (76- 79)	NY	MA.4.4.S.6	Formulate conclusions and make predictions from graphs
Paper Bag Mask (23-28)	NY	MA.4.4.M.1	Select tools and units (customary and metric) appropriate for the length being measured
Paper Bag Mask (23-			Develop and make predictions that are based on
28)	NY	MA.4.4.S.5	data
Paper Bag Mask (23-			Formulate conclusions and make predictions
28)	NY	MA.4.4.S.6	from graphs
Wind in Your Socks)			Select tools and units (customary and metric)
(29-35)	NY	MA.4.4.M.1	appropriate for the length being measured
Wind in Your Socks)			Collect data using observations, surveys, and
(29-35)	NY	MA.4.4.S.2	experiments and record appropriately
			Develop and make predictions that are based on
Right Flight (52-59)	NY	MA.4.4.S.5	data
Delta Wing Glider (60-	NIN/	NAA 4 4 0 5	Develop and make predictions that are based on
68)	NY	MA.4.4.S.5	data